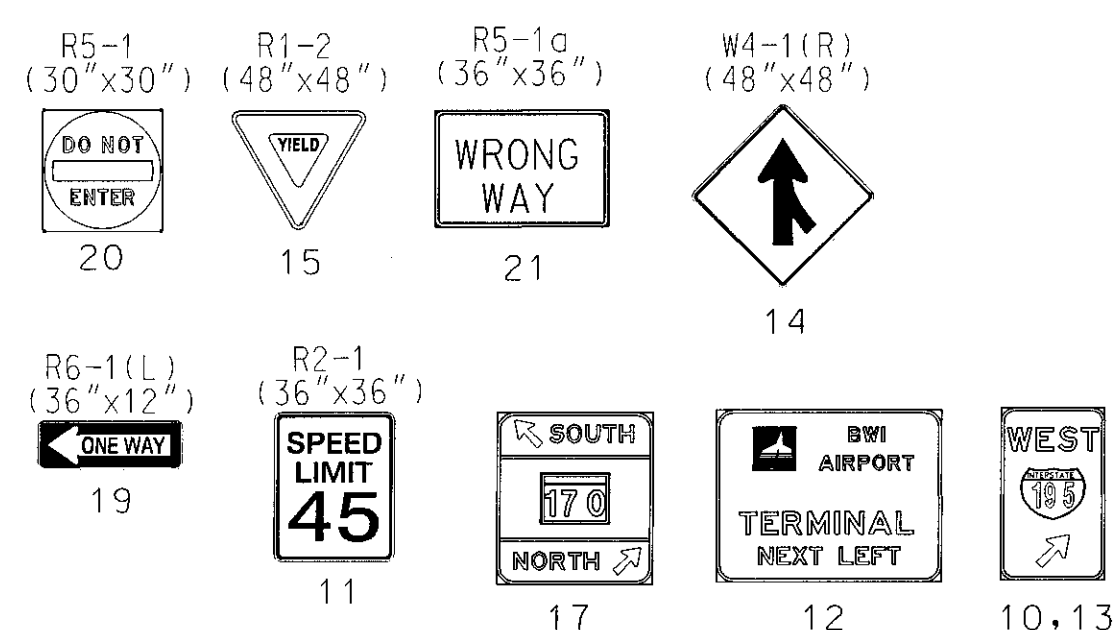
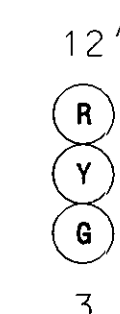


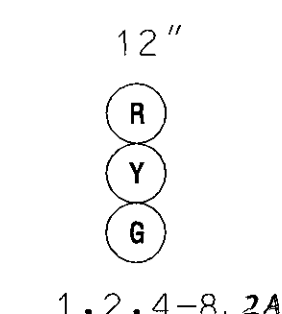
EXISTING SIGNS



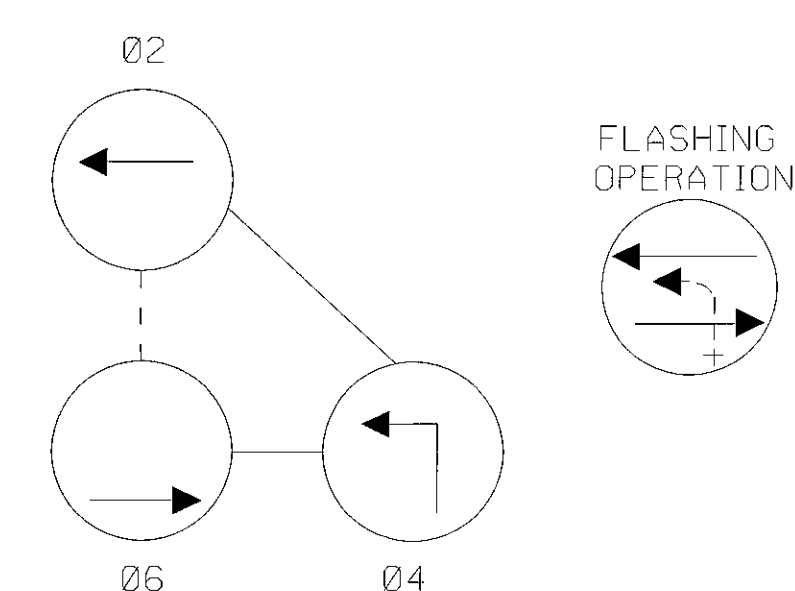
PROPOSED SIGNALS



EXISTING SIGNALS

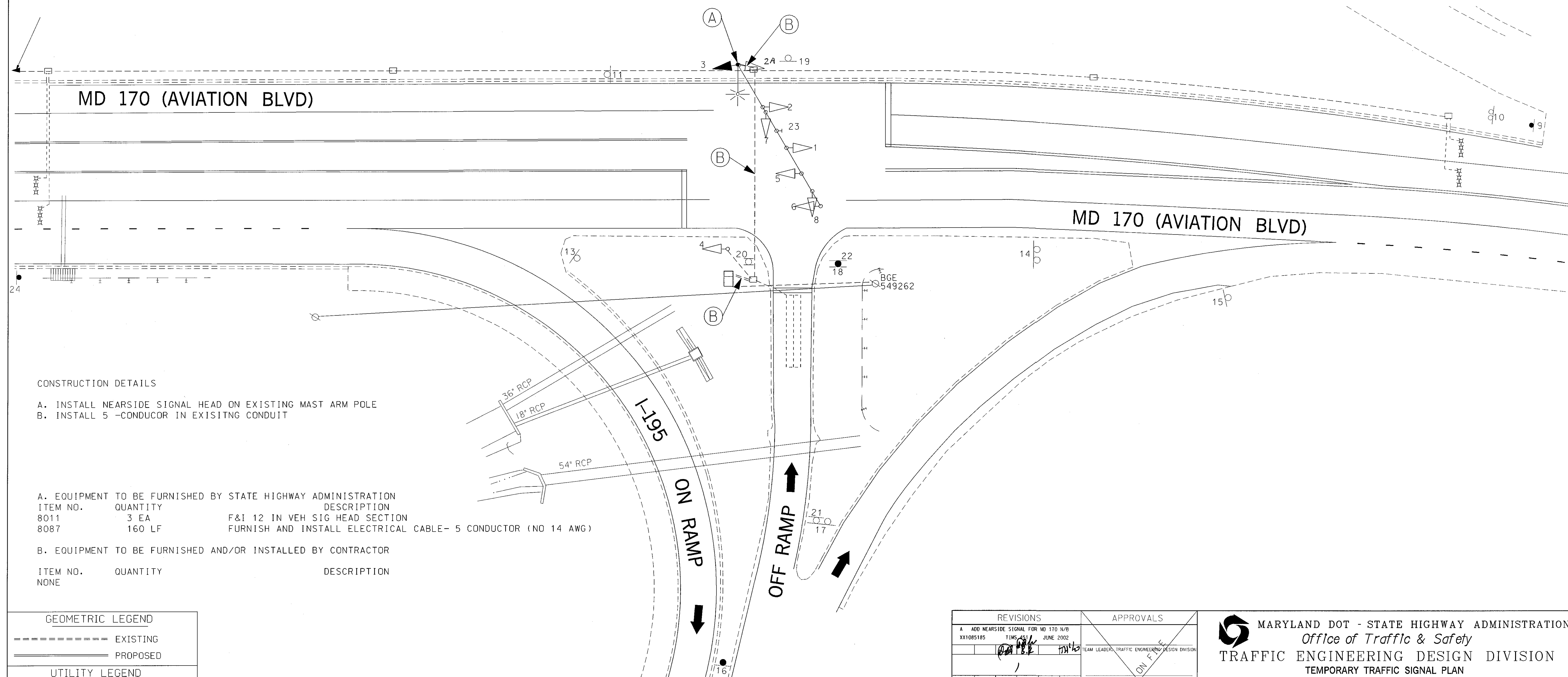


NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL NEARSIDE SIGNAL HEAD ON EXISTING MAST ARM POLE
B. INSTALL 5 -CONDUCTOR IN EXISITNG CONDUIT

- | A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION | | |
|--|----------|---|
| ITEM NO. | QUANTITY | DESCRIPTION |
| 8011 | 3 EA | F&I 12 IN VEH SIG HEAD SECTION |
| 8087 | 160 LF | FURNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO 14 AWG) |

- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

- | ITEM NO. | QUANTITY | DESCRIPTION |
|----------|----------|-------------|
| NONE | | |

GEOMETRIC LEGEND

- ===== EXISTING
===== PROPOSED

UTILITY LEGEND


- | | | |
|------|-----|------------------|
| —SD— | SD— | STORM DRAIN |
| —G— | G— | GAS MAIN |
| —W— | W— | WATER MAIN |
| —S— | S— | SEWER MAIN |
| —E— | E— | ELECTRIC CABLES |
| —A— | A— | AERIAL CABLES |
| —T— | T— | TELEPHONE CABLES |



SABRA, WANG & ASSOCIATES, INC
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS				APPROVALS		
A	ADD NEARSIDE SIGNAL FOR MD 170 N/B			<div style="text-align: center;"></div>		
XX1085185	TIMS 451	JUNE 2002				
	<i>[Handwritten signature]</i>		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION			
	<i>[Handwritten initials]</i>					
				ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		
				CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		
				DIRECTOR, OFFICE OF TRAFFIC & SAFETY		



 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TEMPORARY TRAFFIC SIGNAL PLAN
MD 170 AT I-195 SOUTHBOUND
OFF RAMP

DRAWN BY: JAMES ALLEN Jr.
CHECKED BY: D. PETERS
SCALE: 1"=20'
DATE: JUNE, 2000

F.A.P. NO.	
S.H.A. NO.	
COUNTY:	ANNE ARUNDEL
LOG MILE:	02017007.57

TS NO. 4033A	SHEET NO. OF
T.I.M.S. NO. E45I	